

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): John Border  
Appl. No.: 09/905,215  
Conf. No.: 3866  
Filed: July 13, 2001  
Title: METHOD AND SYSTEM FOR PROVIDING CONNECTION HANDLING  
Art Unit: 2136  
Examiner: B. Hoffman  
Docket No.: 115426-908

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PETITION TO WITHDRAW HOLDING OF ABANDONMENT**

Sir:

The Applicant herein petitions under 37 C.F.R. §1.181(a) to withdraw the holding of abandonment in a Notice of Abandonment that was mailed by the Patent Office on September 6, 2007 for the alleged failure to pay the required Issue fee. A search of the file jacket and the docket records, indicate that the Notice of Allowance and Issue Fees was not received. As directed in M.P.E.P. §711.03(c)(I), Applicant submits the following enclosed documents to provide evidence that Applicant did not receive the Notice of Allowance and Issue fee(s) Due:

1. A copy of Applicant's Docket Report showing that the Notice of Allowance and Issue fee(s) due was never docketed; and

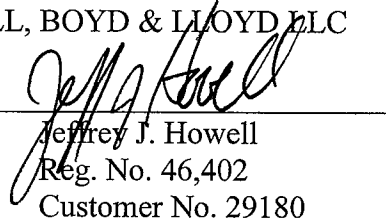
A copy of the Notice of Allowance and Issue Fee Due and payment of such fees is enclosed herewith.

In light of the foregoing evidence, the Applicant requests that the holding of Abandonment of this application be withdrawn. Because the Notification of Abandonment was erroneously issued by the Patent Office, the Applicant submits that no fee is due for this petition. However, please charge Deposit Account No. 02-1818 for any petition fee and any other fees which may be required, or credit any overpayment to Deposit Account No. 02-1818.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

BY

  
Jeffrey J. Howell  
Reg. No. 46,402  
Customer No. 29180

Dated: November 9, 2007

**DIRECTV CONFIDENTIAL**

**ACTIONS REQUIRED AUGUST 11 THROUGH AUGUST 13, 2007**

Due Date	Action Due	Docket Number	Serial Number	Cntry	Resp Org	Status	Atty
Aug 11 2007	NOTICE OF APPEAL	200332	10441505	US	DT4830		GSG
Aug 11 2007	AMENDED FRML DWGS	201151A	11603776	US	DT4820		GSG
Aug 11 2007	CORRECT SPECIFICATION	201151A	11603776	US	DT4820		GSG
Aug 12 2007	STATUS CHECK/OFFICE ACTION	200336	10085346	US	DT4830		GSG
Aug 12 2007	ASSIGNMENT	205065A	11803649	US	DT4812		GSG
Aug 12 2007	OATH/DECLARATION	205065A	11803649	US	DT4812		GSG
Aug 13 2007	REP BRIEF IF NECESS.	200027	09564082	US	081000		MWS
Aug 13 2007	SUBMIT MSSNG PGS	205011	11820446	US	DT4843		GSG
Aug 13 2007	ASSIGNMENT	206002	11701151	US	DT5611		GSG
Aug 13 2007	12YR. PAT. MAINT.	N93007	08037193	US	HN42	HNS	GRL
Aug 13 2007	12YR. PAT. MAINT.	N94047	08372480	US	HN4N		JTW

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**ACTIONS INCOMING MAY 10 THROUGH MAY 12, 2007**

May 10 2007	REVOCATION	096102	09507622	US	TN70	BOE	TG
May 10 2007	FORGN. LIC. GRANTED	202102A	11784758	US	DT4811		GSG
May 10 2007	NOTICE OF PUBLICATION	205019	11431414	US	DT4860		GSG
May 10 2007	NOTICE OF PUBLICATION DATE	205041	11434437	US	DT4822		GSG
May 10 2007	RECORDED ASSIGN	206010	11716374	US	DT5609		GSG
May 10 2007	RECORDED ASSIGN	206075	11787409	US	DT4826		GSG
May 10 2007	FORGN. LIC. GRANTED	206075	11787409	US	DT4826		GSG
May 10 2007	REVOCATION	970124A	09304328	US	TA6065	BOE	TG
May 10 2007	REVOCATION	970147	08890357	US	96T000	BOE	TG
May 10 2007	REVOCATION	970149	08869842	US	96T000	BOE	TG
May 10 2007	REVOCATION	970191	08869843	US	96T000	BOE	TG
May 10 2007	REVOCATION	970272	09160807	US	TA6002	BOE	TGG
May 10 2007	REVOCATION	970361	09032406	US	TA0200	BOE	TG
May 10 2007	REVOCATION	980261	09422876	US	96T000	BOE	TG
May 10 2007	REVOCATION	990111	09496889	US	96T000	BOE	TG
May 11 2007	OUTSIDE COUNSEL COMMUNICATION	200108	09661967	US	081030		VDD
May 11 2007	SUPPLEMENTAL NOTICE OF ALLOWAN	200226	10038174	US	DT4811		GSG
May 11 2007	FINAL REJECTION	200332	10441505	US	DT4830		GSG
May 11 2007	FILING RECEIPT	202102A	11784758	US	DT4811		GSG
May 11 2007	FORGN. LIC. GRANTED	205071	11786215	US	DT4842		GSG
May 11 2007	FORGN. LIC. GRANTED	205072	11786136	US	DT4821		GSG
May 11 2007	FILING RECEIPT	206075	11787409	US	DT4826		GSG

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**ACTION CODE TABLE REPORT**  
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Recs	CODE	DESCRIPTION
1	***	SEE SPECIAL INFO
2	101	PCT/RO/101: REQUEST
3	105	PCT/RO/105: SERIAL NO & FILIN
4	106	INVITATION TO CORRECT DEFECTS
5	12M	12YR. PAT. MAINT.
6	12R	12YR MAINTENANCE RECEIPT
7	1ER	1-MO. EXTENSION REQUESTED
8	202	RECEIPT OF SEARCH COPY NOTICE
9	20Y	20 YEAR RENEWAL
10	2ER	2-MO. EXTENSION REQUESTED
11	301	RECEIPT OF RECORD COPY
12	304	PCT/IB/304: PRIORITY DOC SUBM
13	308	PCT/IB/308: NOTIFICATION
14	311	NOTICE RE AVAILABILITY OF PUB
15	326	COPY OF IPROP TRANSMITTAL
16	346	NOTICE RE FILING OF CLAIM AMDS
17	3ER	3-MO. EXTENSION REQUESTED
18	3NA	STATUS LTR 3 MO. RE ALLOWANCE
19	3PR	3RD PARTY REEXAMINATION
20	3TM	STATUS FOR ALLOWANCE NOTICE
21	416	TRANSMITTAL OF IPROP
22	4MR	4YR MAINTENANCE RECEIPT
23	4YM	4 YR. PAT. MAINT.
24	6YM	6 YEAR MAIN - TRADEMARKS
25	8MR	8YR MAINTENANCE RECEIPT
26	8YM	8 YR. PAT. MAINT.
27	AA	AMEND/ABANDON
28	AAA	AMEND AFTER ALLOWANCE
29	AAB	AMEND ABSTRACT
30	AAE	ATTY AUTHORIZED EXAMINERS AMD
31	AAF	AMENDMENT AFTER FINAL
32	AAS	ADVISE ASSOCIATE
33	AAU	AMEND TO ALLEGE USE
34	ABN	LETTER OF ABANDONMT
35	ABS	ABSTRACT
36	ABX	APPEAL BRIEF EXT
37	AC	AMEND CLAIMS
38	ACD	AUTHORIZE CHARGE DEPOSIT ACCT
39	ACG	AGENT CHANGE
40	ACK	ACKNOWLEDGMENT
41	ACT	ASSIGNMENT CHAIN OF TITLE
42	AD	APPROVAL/DISAPPROVAL
43	AD1	APPLICATION DATA SHEET 1.76
44	ADA	ATTY DISAPPROVED EXAMINERS AMD
45	ADC	ADDRESS CHANGE
46	ADO	AMEND DRAWINGS IF OBJECTIONS
47	ADR	APPEAL DECISION OF REJECTION
48	ADS	APPLICATION DATA SHEET
49	ADT	APPROVAL/DISAPP TEXT
50	ADV	ADVISE
51	ADW	AMENDED DRAWINGS
52	AEA	AUTHORIZE EXAMINERS AMD
53	AEC	AEC STATEMENT
54	AF	APPLICATION FEES
55	AFC	AFFIDAVIT OF USE ACCEPTED
56	AFD	AMENDED FRML DWGS
57	AFF	AFFIDAVIT
58	AFP	ADD FEE PAID
59	AGS	AMEND GOODS/SERVICES
60	AIR	AMEND IF REQUIRED
61	ALL	NOTE / ALLOWABILITY
62	ALU	ALLEGATION OF USE
63	AM6	AMENDMENT (6 MO.)
64	AMA	AMENDMENT PREPARED BY ATTORNEY
65	AMC	AMD PREP'D BY OUTSIDE COUNSEL
66	AMD	AMENDMENT
67	AMF	AMENDMENT FAXED
68	AMO	AMD PREP'D BY FOREIGN ASSOC.
69	AMR	ANNUITY MGMT REPORT

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Recs	<u>CODE</u>	<u>DESCRIPTION</u>
70	AMS	AMEND SPECIFICATION
71	AMX	AMENDMENT (EXT)
72	ANA	APPEAL NUMBER ASSIGNED
73	ANN	ANNUITY INSTRUCTIONS
74	AO	ADVANCE ORDER
75	AOA	APPT OF ADMINISTRATOR
76	AOL	ASSIGNMENT OF LICENSE
77	AOU	AFFIDAVIT OF CONTINUED USE
78	AP1	APPLICATION FORM 1 (FOR INDIA)
79	APB	APPEAL BRIEF
80	APD	APPEAL DISMISSED
81	APF	APPLICATION FOR PATENT FORM
82	APL	APPEAL
83	APP	APPT OF ASSOC.
84	APW	APPEAL WITHDRAWN
85	AR	ATTORNEY REQUEST
86	ARF	AMENDMENT REFAXED TO EXAMINER
87	ARG	ARGUMENTS
88	AS	ACTION SUSPENDED
89	ASC	ADDITIONAL SEARCH CHARGE
90	ASM	ASSIGNMENT MAILED
91	ASN	ASSIGNMENT
92	ASR	AEC STATEMENT REQ
93	ASU	AMEND AND REQ. SUSPENSION
94	AUT	AUTHORIZATION
95	AVA	ADVISORY ACTION
96	AW	ABANDONMENT WITHDRAWN
97	AWI	WITHDRAWN FROM ISSUE
98	BAC	BOARD OF APPEAL COMMUNICATION
99	BAD	BRD APPEAL DEC.
100	BR	BRIEF REJECTED
101	CA	COPY OF ASSIGNMENT
102	CAC	COMM ACCOMPANYING CONT APPLN
103	CAF	COPY OF APPLICANT'S FILE
104	CAM	CONTINUATION APPLICATION MLD
105	CAN	CANCEL/FAILURE TO FILE AFFIDVT
106	CAP	CORRECTED APPEAL BRIEF
107	CAR	COUNTER-ARGUMENTS
108	CAS	CLIENT ADVISED OF SEARCH RESLT
109	CC	CONFIRMATION COPY
110	CCA	CERTIFIED COPY OF APPLICATION
111	CCO	CERTIFICATE OF CORPORATION
112	CDF	CORRECT DEFECTS
113	CER	CERTIFICATE
114	CFC	APPEAL TO CAFC
115	CFM	CONFIRMATION RECEIVED
116	CGA	CHANGE OF POWER OF ATTN
117	CGC	CHANGE CORRESPONDENCE ADDRESS
118	CGS	CERT. OF GOOD STANDING
119	CHK	CHECK AWARD
120	CI	CONFIRMATORY INSTRU.
121	CIA	CONTRARY INSTRUCTIONS, IF ANY
122	CIP	CONTINUATION IN PART
123	CIR	CORRECTION IF REQ.
124	CLM	CLAIMS
125	CLS	CLOSE CASE
126	CMB	COMBINED
127	CMS	COMMENTS
128	CN	CONFIRMATION NUMBER RECEIVED
129	COA	CORRECTION/CHANGE OF ADDRESS
130	COC	CERTIFICATE OF CORRE
131	COD	COUNTRY DESIGNATIONS
132	COH	CONF ORAL HEAR
133	COL	COPY OF LETTER
134	COM	COMMUNICATION FROM PCT/RO
135	CON	CONSENT
136	COP	CERTIFICATE OF PATENT STATUS
137	COR	CORRECTION
138	COT	COPY OF TRANSLATION

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Recs	CODE	DESCRIPTION
139	CPA	CONT. PROSECUTION APPLN.
140	CPC	CORRECT PRIORITY CLAIM
141	CPJ	CPI/US ANNUITIES 'UJ' HSC CASE
142	CPL	CPI/US ANNUITIES 'UL' HEC CASE
143	CPS	CPI ANNUITY PMT CONFIRM RECVD
144	CPY	COPY OF RESPONSE
145	CR	COMMENTS REQUESTED FROM ASSOC.
146	CRA	CORRECTED AMENDMENT RESPONSE
147	CRD	POST CARD
148	CRN	COMM RE RECISION OF NPR
149	CRQ	CONTRACT REQ.
150	CRR	CERTIFICATE OF REGISTRATION
151	CRX	CONTRACT REQ. EXT.
152	CS	CORRECT SPECIFICATION
153	CSM	COUNTERSTATEMENT
154	CT3	COPY TO THIRD PARTY
155	CTA	CERTIFIED TRADEMARK APPLN
156	CTD	COURT DOCUMENT
157	CTE	CALL TO EXAMINER
158	CTI	COMMENTS & INSTRUCTIONS
159	CTS	COMMENTS
160	CXM	CROSS-EXAMINATION
161	DA	DRAWINGS APPROVED
162	DAA	DWGS AS AMENDED
163	DAC	DEPOSIT ACCOUNT CORRECTED
164	DAF	DRAFT AMD FAXED TO EXAMINER
165	DAR	DEPOSIT ACCOUNT REFUNDED
166	DBL	DOUBLE CHARGE ERROR (DA)
167	DC	DELETE CLAIMS
168	DD	DISCLOSURE STMTNT DENIED
169	DDG	DISCLOSURE STMTNT GRANTED
170	DE	SENT TO DELCO
171	DEC	DECLARATION
172	DEF	DEFERRED
173	DEN	DENIAL
174	DFF	DECISION TO FOREIGN FILE
175	DFT	DRAFT RESPONSE TO OA
176	DID	DECISION OF DISMISSAL OF AMEND
177	DIP	DISCLAIMER IN PATENT
178	DIS	DISCLAIMED
179	DIT	DISCLAIMER IN TRADEMARK
180	DIU	DECLARATION OF INTENT TO USE
181	DM	DECLARATION MAILED
182	DMD	DEMAND (FOR PCT CHAPTER II)
183	DNF	DO NOT FILE
184	DOA	WTG DEC ON APPEAL
185	DOC	REQ. TO ENTER DOCUMENTS
186	DOD	DECISION OF DISMISSAL
187	DOR	DECISION OF REJECT
188	DPA	DISCOVERY PERIOD ANNOUNCED
189	DPB	DECISION FROM PRE-APPEAL BRIEF
190	DPG	DELAYED PAYMENT GRANTED
191	DR	DOCUMENT(S) REQUIRED
192	DRA	DEC.RE:ABAND
193	DRM	DEC. RE: MOTIONS
194	DRU	DEC RETURNING UNDOCKETED APL
195	DSS	DISMISSAL OF APPLICATION
196	DTG	DECISION TO GRANT
197	DWS	DRAWING(S)
198	EA	EVIDENCE/ARGUMENTS
199	EAA	EXPRESS AMD TO ABANDON
200	EAD	ELECTRONIC APPLN DATA SHEET
201	EC	EXAMINER COMMENTS/CALL
202	ECD	EXAMINER CONSIDERD/ENTERED IDS
203	EDA	EXAMINER DISAPPROVED AMD
204	EDC	EXT DATE CHANGED
205	EEA	EXAMINER ENTERED AMD
206	EEB	EXAMINER ENTERED BRIEF
207	EED	EXAMINER ENTERED DISC STMTNT

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Recs	CODE	DESCRIPTION
208	EEP	EXAMINER ENTERED PART
209	EER	EXAMINER ENTERED REPLY BRIEF
210	EF	ELECTRONICALLY FILED
211	EIS	EXAMINER'S INTERVIEW SUMMARY
212	EM	EXPRESS MAILED
213	EML	E-MAIL
214	EMR	EXPRESS MAIL RECEIPT
215	EMS	EMAIL SENT
216	ENS	ENTER NATIONAL/REGIONAL STAGE
217	ER	EMAIL RESPONSE
218	ERA	EXTENSION REQUESTED BY ASSOC.
219	ERR	EXAMINER RETURNED REFERENCES
220	ESR	EUROPEAN SRCH REPORT
221	ETD	EXT TIME DENIED
222	ETR	EXTENSION TIME REQUESTED
223	EVI	EVIDENCE
224	EW	EXECUTED WAIVER
225	EXA	EXAMINERS AMEND
226	EXB	EXHIBIT
227	EXD	EXPLOITATION DECLARATION
228	EXG	EXT GRANTED
229	EXR	EXAMINATION REQUEST
230	EXT	EXTENSION OF APPLICATION TO:
231	F1	APPLICATION FORM 1
232	F1A	FORM 1A
233	F2A	FORM 2A (CONVENTION APPLN FOR
234	F6	FORM 6 (FOR INDIA)
235	FAC	FILE ADDITIONAL CLASS
236	FAL	FOREIGN ASSOCIATE LETTER
237	FAM	FINAL AMENDMENT
238	FAR	FAR REPORT DUE
239	FAW	FRJ WITHDRAWN
240	FAX	FINAL AMENDMENT (EX)
241	FCA	FILE CIP/CON APPLN
242	FCM	FIRST CLASS MAIL
243	FD	FORMAL DRAWINGS
244	FDA	FILE DIVISIONAL APPLICATION
245	FEE	FEE DUE
246	FF	FILE FOREIGN
247	FFD	FOREIGN FILING DECISION
248	FIA	FILE APPLICATION
249	FIH	FILE HISTORY
250	FII	FORWARD U.S. ISSUE INFORMATION
251	FIN	FILE IF NECESSARY
252	FLG	FORGN. LIC. GRANTED
253	FLR	FORGN. LIC. REVOKED
254	FLS	FILE LAWSUIT WITH HIGH COURT
255	FM1	FORM 1 APPLICATION FOR GRANT
256	FM6	FINAL AMD (6 MO.)
257	FOE	FILING OF EVIDENCE
258	FP	FEES PAID
259	FPA	FILE PRELIMINARY AMENDMENT
260	FR	FAXED RESPONSE
261	FR2	FINAL RESP @ 2 MONTH PERIOD
262	FRC	FILING RECEIPT
263	FRG	PCT FILE RECEIVED FROM GINGER
264	FRJ	FINAL REJECTION
265	FRP	FORMAL PAPERS
266	GML	G.M. LETTER
267	GVT	GOV'T LETTER
268	HD	HAND DELIVERED
269	HKG	REGISTER IN HONG KONG?
270	HNS	SENT TO HNS
271	HRL	SENT TO HRL FOR HANDLING
272	IA	INVENTOR ADDRESS (PROVISIONAL)
273	IDC	INSTR RE DESIGNATED CNTRIES
274	IDE	IDS ENTERED/NOT CONSIDERED
275	IDP	INFO DISCLOSURE PETITION
276	IDR	INFO DISC STM IF RQD



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Recs	CODE	DESCRIPTION
277	IDS	INFORMATION DISCL STMNT
278	IF	INFORMATION FAXED
279	IFD	INFORMAL DRAWINGS
280	IIR	ISSUE INFORMATION RETRIEVED
281	ILA	IDENTIFY LEAD ATTY
282	INC	INT RE # OF CLAIMS
283	INF	MISC INFORMALITY
284	INQ	INQUIRY
285	INR	INFO REQUESTED
286	INS	ADD FEE DUE
287	INT	INSTRUCTIONS
288	INV	INVITATION FROM PCT (RO/US)
289	IPC	INTER. PAT. CLASS. #
290	IPE	INT'L PRELIMINARY EXAM REPORT
291	IPR	INSTRUCTIONS TO PREPARE REPORT
292	IPW	ISS PAT WITHDRAWN
293	IR	INTERFERENCE RCVD.
294	IRC	ISSUE RECEIPT
295	ISR	INT. SRCH. RPT.
296	ISS	ISSUE FEE
297	ITC	IDS TO BE CONSIDERED BY EXAMIN
298	ITU	INTENT TO USE STATEMENT
299	LCD	LTR CHIEF DRAFTSMAN
300	LET	LETTER
301	LOA	LETTER OF ACKNOWLEDGEMENT
302	LOC	LTR OF CORRECTION
303	LOW	LTR OF WITHDRAWAL
304	LR	LICENSE REQUIRED
305	LRD	LTR RE DECLASS
306	LTI	LETTER SENT TO INVENTOR
307	LTP	LETTERS PATENT
308	LTR	LTR RE CLASS
309	MLD	APPLICATION MAILED
310	MM	MISDIRECTED MAIL
311	MOD	PET TO MOD SO
312	MOS	MODIFIED SECRECRY ORDER
313	MPR	MAINTENANCE PAYMENT RETURNED
314	MR	MAINTENANCE FEE REMINDER
315	MS	MAINTENANCE STATEMENT
316	MSP	MISSING PARTS
317	NAB	NOTICE OF ABAND
318	NAL	NOTICE OF ALLOWANCE
319	NAN	NOTE OF APPL IF NEC
320	NAP	NOT APPLICABLE
321	NAS	NASA STATEMENT
322	NAX	NOTICE OF APPEAL W/EXTENSION
323	NCA	NON-COMPLIANT APPEAL BRIEF
324	NCD	NON-COMPLIANT AMENDMENT
325	NCG	NAME/ADDRESS CHANGE
326	NDR	NOTICE DRAWING REQ
327	NEX	NOVELTY EXAM.
328	NFR	NOTICE OF FINAL REJECTION
329	NIA	NOTICE INCOMPLETE APPLN.
330	NIF	NOTICE IMPROPER FILING
331	NIR	NOTICE INCOMPLETE RESPONSE
332	NMF	NOTICE MISSING FILE
333	NMP	NOTE MISSING PARTS
334	NNR	NOTICE NON-COMPLIANT RESPONSE
335	NO	NOTICE OF OMITTED ITEMS
336	NOA	NOTICE OF APPEAL
337	NOD	NOTICE OF DISMISSAL
338	NOE	NOTICE OF EXPIRATION
339	NOG	NOTICE TO OPPOSE GRANT
340	NOH	NOTICE ORAL HEAR
341	NOM	NOMINAL WORKING
342	NON	NONE
343	NOP	NOTICE OF PUBLICATION
344	NOR	NOTICE OF REJECTION
345	NOT	NOTICE

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Recs	CODE	DESCRIPTION
346	NPA	NONPUBLICATION ACKNOWLEDGED
347	NPD	NOTICE OF PUBLICATION DATE
348	NPE	NOTICE OF PATENT EXPIRATION
349	NPF	NOTICE PUBLICATION FEE DUE
350	NPI	NOTICE POSSIBLE INTERFERENCE
351	NPR	NON-PUBLICATION REQUEST
352	NR	NONE REQUIRED
353	NRA	NON-RECORDABLE ASSIGNMENT
354	NRD	NEW/REVISED PUBLICATION DATE
355	NSR	NASA STATEMENT REQ.
356	NTC	NOTICE TO CORRECT
357	NWR	NASA WAIVER REVOKED
358	OA	OFFICE ACTION
359	OAA	OATH AND ASSIGNMENT
360	OAW	OFFICE ACTION WITHDRAWN
361	OBV	OBSERVATIONS
362	OCC	OUTSIDE COUNSEL COMMUNICATION
363	OCE	OUTSIDE COUNSEL CALL EXAMINER
364	OCF	OUTSIDE COUNSEL FAXED
365	OCM	OUTSIDE COUNSEL MAILED
366	OCF	OUTSIDE COUNSEL PREPARED
367	OD	OATH/DECLARATION
368	ODR	ORDER DENYING REEXAM
369	OGR	ORDER GRANTING REEXAM
370	OH	ORAL HEARING
371	OHC	ORAL HEARING CONFIRMED
372	OI	ORAL INSTRUCTIONS
373	OM	OPPOSE MARK
374	OPP	OPPOSITION
375	ORA	ORDER RETURNING APPEAL
376	OSP	OFFER SUREND PAT
377	OW	OPPOSITION WITHDRAWN
378	PA	PROMOTE APPLICATION
379	PAA	POWER OF ATTORNEY ACCEPTED
380	PAB	PRE-APPEAL BRIEF REVIEW REQUES
381	PAD	PRE-APPEAL BRIEF DECISION
382	PAF	PYMT. OF ADDIT'L FEE
383	PAM	PRILIM AMENDMENT
384	PAN	PANAMSAT TRANSACTION/SALE
385	PAS	PRIOR ART STATEMENT
386	PAU	PRIOR ART UPDATE
387	PAX	PAY EXAMINATION TAX
388	PC	PROSECUTION CLOSED
389	PCF	PET TO CORR. FILING DATE/RECPT
390	PCI	PET TO CORRECT INVENTOR(S)
391	PCP	PETITION TO CORRECT PATENT
392	PCT	PCT APPLN FILED
393	PD	PRIORITY DOCUMENT(S)
394	PDM	PETITION DISMISSED
395	PDO	PRIORITY DOCUMENT
396	PDP	PET & DELAY PMT
397	PDS	PET DISMISSED
398	PEA	PETITION EXPRESS ABANDONMENT
399	PEG	PETITION TO EXPUNGE GRANTED
400	PEH	PET EXPUNGE HELD IN ABEYANCE
401	PER	PRELIMINARY EXAM REPORT
402	PET	PET RESCIND SO
403	PFD	PUBLICATION FEE DUE
404	PFF	PAY FINAL FEE
405	PFP	PUBLICATION FEE PAID
406	PFR	PETITION FOR REFUND
407	PFW	PETITION FOR WAIVER
408	PIF	PAY ISSUE FEE
409	PM	PROVISIONAL APPLICATION MAILED
410	PMG	PERMIT GRANTED
411	PMS	PETITION/MAKE SPECIAL
412	PNF	PAY ANNUAL FEE
413	PNG	PET NON-SIGN INVENTOR GRANTED
414	PNS	PETITION NON-SIGNING INVENTOR

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Recs	CODE	DESCRIPTION
415	PO	PUBLISH OCCURS
416	POA	POWER OF ATTORNEY
417	POD	POWER OF ATTORNEY & DECLARATIO
418	POS	PATENT OFFICE SURVEY REQUEST
419	POT	POTENTIAL
420	POU	PROOF OF USE
421	PP	PROOF PATENT
422	PPF	PAY PRINTING FEE
423	PPP	PULLED FROM PRIVATE PAIR
424	PR	PUBLISH REMINDER
425	PRD	PET REV DENIED
426	PRF	PATENT PROOFED
427	PRG	PET REV GRANTED
428	PRJ	PROJECTION NOTICE OF 1ST EXAM
429	PRL	PROLONGATION FEE
430	PRO	PROTEST
431	PRS	PET TO REMOVE SECURITY MARKING
432	PS	PATENT SURRENDERED
433	PSC	PATENT SOFT COPY
434	PSR	PUBLICATION OF SEARCH REPORT
435	PT	PETITION
436	PTC	USPTO COMMUNICATION
437	PTD	PETITION DENIED
438	PTE	PETITION TO EXPUNGE
439	PTF	PETITION FILED
440	PTG	PETITION GRANTED
441	PTR	PET TO REVIVE
442	PTS	PETITION SUSPENDED
443	PUB	PUBLICATION OF APPLICATION
444	PUF	PAY PUBLICATION FEE
445	PWA	PET TO WITHDRAW ABANDONMENT
446	PWG	PETITION TO WITHDRAW GRANTED
447	PWI	PET TO WITHDRAW FROM ISSUE
448	R18	REVIEW 18TH MO PCT APPLN
449	RA	RECORDED ASSIGN
450	RAB	RESCINDED ABANDONMT
451	RAC	REQ ASSOCIATION TO CUSTOMER NO
452	RAI	RECORDED ASSIGNMENT INFO.
453	RAY	RAYTHEON APPLICATION
454	RBI	REP BRIEF IF NECESS.
455	RBN	RIBBON COPY
456	RBT	REBUTTAL
457	RBX	REPLY BRIEF EXT
458	RC	REQUEST CANCELLATION
459	RCA	REQUEST COPY OF RECORDED ASN
460	RCD	REQ CORRECTION TO DEPOSIT ACCT
461	RCE	REQ FOR CONT EXAMINATION
462	RCF	REQ. FOR CORRECT FILING RECEIP
463	RCM	REMOVE CLASS. MARKS
464	RCP	REQUEST FOR CONTINUATION PROCE
465	RCR	REQ CORRECTION OF ASN RECORD
466	RCS	RCE WITH SUSPENSION
467	RCU	REVIEW FOR CONTINUED USE
468	RCW	RECORD COPY TO WIPO
469	RD	REQUEST DENIED
470	RDC	RESEND THRU DIPLOMATIC CHANNEL
471	RE	REISSUE APPLICATION FILED
472	REA	REQUEST TO ENTER AMD
473	REB	REQ. TO ENTER BRIEF
474	REC	REQ. RECONSIDERATION
475	RED	REQ TO CONSIDER DISCL STMNT
476	REE	RE-EXAMINATION
477	REF	REFERENCES
478	REG	REGISTER EPC PATENT
479	REI	REINSTATEMENT
480	REJ	REJECTION
481	REN	RENEWAL INSTRUCTIONS DUE
482	REQ	REQUEST (FOR PCT APPLICATION)
483	RER	RESPOND EXAM REPORT

**Patent Administration and Tracking System**  
**ACTION CODE TABLE REPORT**  
**(As of 09/17/2007 )**

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Recs	CODE	DESCRIPTION
484	RES	RESTORATION
485	RET	REQ. EXT OF TIME
486	REV	REVOCATION
487	RF	RESPONSE FAXED
488	RFA	REQUEST FOR APPEAL
489	RFD	REQUEST FOR DRAFT RESPONSE
490	RFF	REQUEST TO FOREIGN FILE
491	RFG	REQUEST FROM GOV'T
492	RFI	REQUEST FOR INTERVIEW
493	RFN	REFUND OF FEES
494	RFR	REQUEST FOR REFILE
495	RFS	REQUEST FOR SUSPENSION
496	RFT	REQUEST FOR TRIAL
497	RG	REQUEST GRANTED
498	RGR	REGISTERED RECEIPT
499	RHT	REHABILITATION TAX
500	RI	REQUEST FOR INFORMATION
501	RIN	RESPONSE IF NECESSARY
502	RLE	REQUEST LIMITED EXAMINATION
503	RMD	REMINDER
504	RMI	RESPONSE TO MISSING INFO
505	RNA	REVOCATION & NEW POA ACCEPTED
506	RNS	REQUEST NOVELTY SRCH
507	RNW	RENEWAL OF PATENT/TRADEMARK
508	RO	RESCINDING ORDER
509	ROC	REEXAM OR CONVERSION
510	ROH	REQUEST ORAL HEARING
511	RPB	REPLY BRIEF
512	RPR	REQUEST PREPARATION OF REPORT
513	RQF	REQUEST FOR REFERENCES
514	RR	RESTRICT. REQUIREMENT
515	RRN	REQ TO RESCIND NONPUBLICATION
516	RS	RESPOND TO PTO SURVEY
517	RSA	REQUEST STATUS OF APPLN
518	RSO	RENEWAL SO
519	RSP	RESPONSE
520	RSR	RESUBMIT RESPONSE
521	RT	REQUEST TRANSLATION FROM ASSOC
522	RTA	REQUEST TO FOREIGN ASSOCIATE
523	RTE	REMAND TO EXAMINER
524	RTF	RECTIFICATION
525	RTI	RESPONSE TO TEL-CON INTERVIEW
526	RTO	REPLY TO OPPOSITION
527	RTR	RSP TO RESTRICT REQ
528	RTS	RETYPE SPECIFICATION
529	RV	REQUIREMENT VACATED
530	RVL	REVIVAL OF APPLICATION
531	RWA	REQ TO WITHDRAW APPEAL
532	RWF	REQUEST WITHDRAWAL OF FINALITY
533	RWP	REQ TO WITHDRAW PET
534	RXC	REEXAM COMMUNICATION
535	SAL	SUPPLEMENTAL ALL
536	SAM	SUPPL AMENDMENT
537	SBB	STAT BAR BEGINS
538	SBD	SEND TO BOEING DOCKETING
539	SBE	STAT BAR ENDS
540	SBS	SUBSTITUTE SPECIFICATION
541	SC	STATUS CHECK/CALL
542	SCA	STATUS CHK RECORDED ASSIGN
543	SCE	STATUS CALL TO EXAMINER
544	SCF	STATUS CHECK/FILING RECEIPT
545	SCG	SURCHARGE
546	SCM	STATUS CHECK MISSING PARTS
547	SCO	STATUS CHECK/OFFICE ACTION
548	SCP	STATUS CHECK PAIR
549	SCR	SL RE CORRECTED CERTIFICATE
550	SCS	STATUS CHK/SEARCH RESULTS
551	SD	SUP DECLARATION
552	SDR	SEND TO RAYTHEON

**Patent Administration and Tracking System**  
**ACTION CODE TABLE REPORT**  
**(As of 09/17/2007 )**

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<u>Recs</u>	<u>CODE</u>	<u>DESCRIPTION</u>
553	SDS	STATUTORY DISCLAIMER
554	SGM	SENT TO GENERAL MOTORS
555	SID	SUPPLEMENTAL IDS
556	SIS	SUBSTANCE OF INTERVIEW SUMMARY
557	SL	STATUS LETTER
558	SL3	STATUS LETTER 3
559	SL6	STATUS LETTER 6
560	SLA	STAT LETTER EX ANS
561	SLM	STATUS LTR MISSING PARTS
562	SM	SECRECY ORDER MODIFIED
563	SMP	SUBMIT MSSNG PGS
564	SMU	SPECIFICATION W/MARK-UPS
565	SNA	SUPPLEMENTAL NOTICE OF ALLOWAN
566	SND	SUBMIT NEW DRAWINGS
567	SNO	SENT TO NEW OWNER
568	SNR	SURRENDER
569	SNS	SUBMIT NEW SPECIFICATION
570	SO	SECRECY ORDER
571	SOO	STATEMENT OF OWNERSHIP
572	SOR	S.O. RECEIPT
573	SOS	'SO' STATUS LTR
574	SOU	STATEMENT OF USE - TRADEMARK
575	SOW	STATEMENT OF WORKING
576	SPD	STATUS CHECK: PRE APPEAL DEC
577	SPE	STATUS:PET/EPO
578	SR	SEARCH REPORT
579	SRA	STATUS RE PTO OFFICE ACTION
580	SRC	STATUS RE CERT/REGISTRATION
581	SRD	SEND REQUESTED DOCUMENT
582	SRI	SL RE: ISS RECPT
583	SRP	SUB. REPLACEMENT PG(S)
584	SRQ	SEARCH REQUEST
585	SRR	STATUS RE REFUND
586	SRS	STATUS RE SUSPENSION
587	SS	SUPPLEMENTAL STATEMENT
588	SSR	SUPPLEMENTAL SEARCH REPORT
589	STA	STATUS RE:APPEAL
590	STB	SENT TO BOEING
591	STC	SENT TO CRAIG PLASTRIK AT HNS
592	STD	SENT TO DELCO
593	STG	SENT TO GATES AND COOPER
594	STH	SENT TO HRL
595	STJ	SENT TO JVC/JAPAN
596	STM	STATEMENT
597	STN	SENT TO NANCY STEPHENS
598	STO	STATUS CALL TO OUTSIDE COUNSEL
599	STR	SENT TO RAYTHEON
600	SUA	STATEMENT OF USE ACCEPTED
601	SUB	SUBSTANTIATION
602	SUH	SUMMONS HEARING
603	SUI	SUPPLEMENTAL INFORMA
604	SUR	STATEMENT OF USE REJECTED
605	SUS	PROSECUTION SUSPENDED
606	TAX	PAYMENT OF TAX
607	TD	TERMINAL DISCLAIMER
608	TDG	TERMINAL DISCLAIMER GRANTED
609	TEC	TECHNICAL COMMENTS
610	TEL	TELEPHONIC DISCUSSION
611	TES	TESTIMONY
612	TGM	SENT TO GENERAL MOTORS
613	TMW	TRADEMARK WATCH
614	TOC	TRIAL OR CONVERSION
615	TRE	TIME TO RESPOND EXPIRED
616	TRQ	TRADEMARK REQUEST
617	TRR	TIME RESPOND RESTARTED
618	UAF	UTILITY APPLICATION FILED
619	UCP	PTO UNABLE TO CORRECT PETITION
620	UPT	UNINTENTIONAL PET.
621	USE	USE OF MARK

Patent Administration and Tracking System  
ACTION CODE TABLE REPORT  
(As of 09/17/2007 )

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Recs	<u>CODE</u>	<u>DESCRIPTION</u>
622	UTA	UTILITY APPLICATION
623	VER	VERIFY FEES
624	VOD	VOID
625	WA	WITHDRAW APPLICTN
626	WAI	WAIVER
627	WAT	WATCH NOTICE FROM THOMSON
628	WFA	WITHDRAWN FROM ABANDONMENT
629	WFI	WITHDRAWN FROM ISSUE
630	WG	WAIVER GRANTED
631	WIT	WITHDRAWN
632	WN	WITHDRAWAL NOTICE
633	WO	WRITTEN OPINION
634	WTG	WAITING
635	WW	WAIVED/WITHDRAWN
636	XAN	EXAMS ANSWER

**Patent Administration and Tracking System**  
**ACTION SEARCH REPORT**  
**(As of 09/17/2007 )**

Page 1

<u>PD NO</u>	<u>CNTRY</u>	<u>ATTNY</u>	<u>RESP</u>	<u>INCOMING ACTION</u>		<u>REQUIRED ACTION</u>		<u>OUTGOING ACTION</u>	
096102	US	TG	TN70	REV	05/10/07	NR		STB	05/18/07
200108	US	VDD	081030	OCC	05/11/07	FR2	06/23/07	NOA	05/11/07
200226	US	GSG	DT4811	SNA	05/11/07	ISS	06/19/07	IDS	06/01/07
200332	US	GSG	DT4830	FRJ	05/11/07	FR2	07/11/07	NR	05/29/07
202102A	US	GSG	DT4811	FRC	05/11/07	SCO	04/07/08	NR	09/10/07
202102A	US	GSG	DT4811	FLG	05/10/07	NR		NAP	
205019	US	GSG	DT4860	NOP	05/10/07	NR		NAP	
205041	US	GSG	DT4822	NPD	05/10/07	SCO	07/17/07	NR	05/22/07
205071	US	GSG	DT4842	FLG	05/11/07	SCO	06/11/08		
205072	US	GSG	DT4821	FLG	05/11/07	SCO	06/11/08		
206010	US	GSG	DT5609	RA	05/10/07	SCO	03/09/08	NON	06/01/07
206075	US	GSG	DT4826	RA	05/10/07	SCF	07/13/07	NR	05/11/07
206075	US	GSG	DT4826	FRC	05/11/07	SCO	04/16/08		
206075	US	GSG	DT4826	FLG	05/10/07	NR		NAP	
970124A	US	TG	TA6065	REV	05/10/07	NR		STB	05/18/07
970147	US	TG	96T000	REV	05/10/07	NR		STB	05/15/07
970149	US	TG	96T000	REV	05/10/07	NR		STB	05/18/07
970191	US	TG	96T000	REV	05/10/07	NR		STB	05/18/07
970272	US	TGG	TA6002	REV	05/10/07	NR		STB	05/18/07
970361	US	TG	TA0200	REV	05/10/07	NR		STB	05/18/07
980261	US	TG	96T000	REV	05/10/07	NR		STB	05/18/07
990111	US	TG	96T000	REV	05/10/07	NR		STB	05/15/07

**Patent Administration and Tracking System**  
**ACTION SEARCH REPORT**  
**(As of 09/17/2007 )**

Page 1

<u>PD NO</u>	<u>CNTRY</u>	<u>ATTNY</u>	<u>RESP</u>	<u>INCOMING ACTION</u>		<u>REQUIRED ACTION</u>		<u>OUTGOING ACTION</u>	
200332	US	GSG	DT4830	OCC	05/29/07	NOA	08/11/07	NOA	08/10/07
201151A	US	GSG	DT4820	PC	06/11/07	CS	08/11/07	CS	08/01/07
201151A	US	GSG	DT4820	NON		AFD	08/11/07	DAA	08/01/07
200336	US	GSG	DT4830	NON		SCO	08/12/07	NR	08/21/07
205065A	US	GSG	DT4812	NMP	06/12/07	OD	08/12/07	NON	
205065A	US	GSG	DT4812	NON		ASN	08/12/07	NON	
N94047	US	JTW	HN4N	8MR	09/08/03	12M	08/13/07	12M	08/13/07
N93007	US	GRL	HN42	8MR	09/08/03	12M	08/13/07		
206002	US	GSG	DT5611	NON		ASN	08/13/07	ASN	08/03/07
200027	US	MWS	081000	EED	06/13/07	RBI	08/13/07	NR	06/27/07
205011	US	GSG	DT4843	FRC	07/13/07	SMP	08/13/07	NR	07/13/07



**Patent Administration and Tracking System**  
**SUMMARY for PATENT DISCLOSURE : 201021**  
**(As of 09/17/2007 )**

Page 1

DISCLOSURE INFORMATION:

Disclosure No. : 201021      Docket Date : 02/02/01      Attorney : JTW      Status:      Date:  
Patent Title : METHOD AND SYSTEM FOR PROVIDING  
CONNECTION HANDLING

Originating Org: 4N0202      Responsible Org : 4N0202  
Contract No. : HEC      HAC Account No. : NONE LISTED

U.S. Rating : >><<      Date :      Foreign : Yes      Date :  
Security : U      Secrecy : No  
Class - U.S. :      Foreign :  
Interfer. No. :      PTO Group : 2136

PATENT APPLICATION INFORMATION. :

US - UNITED STATES  
Associate: - No ASSOCIATE found for US.      Status: HNS  
App. Type:  
Filing : 07/13/01      Serial No. : 09905215      Parent:  
Allowed :      Priority Dt: 07/21/00  
Pat. No. :      Issued Date:      Expire:  
Public : 06/13/02      Type :  
Tax Code :      Start Date :  
Storage Authorization :      Box: 0

ACTIONS:

INCOMING		REQUIRED		OUTGOING	
Code	Date	Req	Description	Date	Out Date
NON		NON	NONE	MLD	07/13/01
NON		NON	NONE	DM	07/13/01
NON		NON	NONE	ASM	07/13/01
NON		NON	NONE	DWS	07/13/01
NON		SCF	STATUS CHECK/FILING RECEIPT	11/13/01	NR 08/30/01
FRC	08/30/01	SCA	STATUS CHK RECORDED ASSIGN	11/13/01	NR 09/28/01
CRD	07/31/01	NR	NONE REQUIRED	NAP	
FLG	08/29/01	NR	NONE REQUIRED	NAP	
RA	09/28/01	SCO	STATUS CHECK/OFFICE ACTION	09/13/02	NON
NOP	04/08/02	NR	NONE REQUIRED	NAP	
NOP	06/13/02	NR	NONE REQUIRED	NAP	
ESR	04/14/04	IDR	INFO DISC STM IF RQD	05/14/04	IDS 05/06/04
CRD	05/11/04	SCO	STATUS CHECK/OFFICE ACTION	09/06/04	NR 03/07/05
OA	03/07/05	AMD	AMENDMENT	06/07/05	AMF 04/19/05
NON		SCO	STATUS CHECK/OFFICE ACTION	10/19/05	NR 06/08/05
FRJ	06/08/05	FAM	FINAL AMENDMENT	09/08/05	FAM 08/30/05
AVA	09/16/05	NOA	NOTICE OF APPEAL	09/08/05	PET 09/27/05
NON		NOA	NOTICE OF APPEAL	10/08/05	NOA 09/27/05
NON		APB	APPEAL BRIEF	11/27/05	NR 12/13/05
OA	12/13/05	AMD	AMENDMENT	03/13/06	STC
OA	05/31/06	AMD	AMENDMENT	08/31/06	STC 06/06/06
OA	12/05/06	AMD	AMENDMENT	03/05/07	STC 12/11/06
NAB	09/06/07	NON	NONE	STC	09/13/07

SPECIAL INFORMATION:

THIS DISCLOSURE WAS DERIVED FROM PD-200236, AND PD-200258. PD-200236 WAS PROVISIONALLY FILED 7/21/2000 RECEIVING SERIAL NUMBER 60/220,026. PD-200258 WAS PROVISIONALLY FILED 8/15/2000 RECEIVING SERIAL NUMBER 60/225,630.

OTHER CASES DERIVED FROM THESE PROVISIONALS ARE: 201018, 201019, 201020, 201022, 201023, 201024 & 201025.

CONFIRMATION NUMBER FOR ELECTRONIC FILING: 3866

PUBLICATION NO. US-2002-0071436-A1 - DATE: 6/13/2002

COMBINED CASES: Title

INVENTOR INFORMATION:

**Patent Administration and Tracking System**  
**SUMMARY for PATENT DISCLOSURE : 201021**  
**(As of 09/17/2007 )**

Page 2

INVENTOR INFORMATION, cont'd. :

<u>Inventor Name</u>	<u>Payroll No.</u>	<u>Source</u>	<u>Organization</u>
J. L. BORDER	11705	4N02	HNS
D. M. DILLON	10239	4N02	HNS



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 05/11/2007

Hughes Electronics Corporation  
Patent Docket Administration  
P.O. Box 956  
Bldg. 1, Mail Stop A109  
El Segundo, CA 90245-0956

EXAMINER

HOFFMAN, BRANDON S

ART UNIT

PAPER NUMBER

2136

DATE MAILED: 05/11/2007

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

09/905,215

07/13/2001

John Border

PD-201021

3866

TITLE OF INVENTION: METHOD AND SYSTEM FOR PROVIDING CONNECTION HANDLING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	08/13/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. **PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

### HOW TO REPLY TO THIS NOTICE:

#### I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER:** Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

# **PART B - FEE(S) TRANSMITTAL**

Complete and send this form, together with applicable fee(s), to: **Mail** **Mail Stop ISSUE FEE**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**  
**or Fax (571)-273-2885**

**INSTRUCTIONS:** This form should be used for transmitting the **ISSUE FEE** and **PUBLICATION FEE** (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

**CURRENT CORRESPONDENCE ADDRESS** (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

7590 05/11/2007

**Hughes Electronics Corporation**  
**Patent Docket Administration**  
**P.O. Box 956**  
**Bldg. 1, Mail Stop A109**  
**El Segundo, CA 90245-0956**

## **Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/905,215	07/13/2001	John Border	PD-201021	3866

**TITLE OF INVENTION: METHOD AND SYSTEM FOR PROVIDING CONNECTION HANDLING**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	08/13/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
HOFFMAN, BRANDON S	2136	726-001000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list  
 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 \_\_\_\_\_  
 2 \_\_\_\_\_  
 3 \_\_\_\_\_

## **3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)**

**PLEASE NOTE:** Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

## **4a. The following fee(s) are submitted:**

- ☐ Issue Fee  
☐ Publication Fee (No small entity discount permitted)  
☐ Advance Order - # of Copies \_\_\_\_\_

## **4b. Payment of Fee(s): (Please first reapply any previously paid issue-fee shown above)**

- ☐ A check is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

## **5. Change in Entity Status (from status indicated above)**

- ☐ a. Applicant claims **SMALL ENTITY** status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming **SMALL ENTITY** status. See 37 CFR 1.27(g)(2).

**NOTE:** The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature \_\_\_\_\_

Date \_\_\_\_\_

Typed or printed name \_\_\_\_\_

Registration No. \_\_\_\_\_

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/905,215	07/13/2001	John Border	PD-201021	3866
7590 05/11/2007				
Hughes Electronics Corporation Patent Docket Administration P.O. Box 956 Bldg. 1, Mail Stop A109 El Segundo, CA 90245-0956			EXAMINER HOFFMAN, BRANDON S	
			ART UNIT 2136	PAPER NUMBER
			DATE MAILED: 05/11/2007	

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 879 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 879 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/905,215	BORDER ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Brandon S. Hoffman	2136	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to remarks filed March 5, 2007.
2. ☒ The allowed claim(s) is/are 1-10, 14-19, 21-25, 29-39, 43-53 and 57.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

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| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material<br/>NASSER MOAZZAMI<br/>SUPERVISORY PATENT EXAMINER<br/>TECHNOLOGY CENTER 2100</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date _____</li> <li>7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
|--|---|

*MS*  
5/7/07

**DETAILED ACTION**

1. Claims 1-10, 14-19, 21-25, 29-39, 43-53, and 57 are pending in this office action.

***Allowable Subject Matter***

2. Claims 1-10, 14-19, 21-25, 29-39, 43-53, and 57 are allowed.
3. The following is an examiner's statement of reasons for allowance: the prior art of record fails to teach receiving a spoofing selection parameter for specifying a rule for applying the spoofing parameters, maintaining a profile that contains the spoofing selection parameter, and compensating for a maximum segment size mismatch by resizing the data segments based on the profile.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Craig Plastrik (U.S. Reg. No. 41,254) on May 4, 2007.

Claim 44. (Currently amended). A computer-readable storage medium carrying one or more sequences of one or more instructions for routing information in a communication system that comprises a platform and a spoofing apparatus configured to perform a plurality of performance enhancing functions, the one or more sequences of one or more instructions comprising instructions which, when executed by one or more processors, cause the one or more processors to

receiving the information from the platform and one or more spoofing parameters and a spoofing selection parameter for specifying a rule for applying the spoofing parameters, wherein the spoofing parameters include information for specifying whether spoofing is enabled for a selected one of the connections and priority information specifying priority treatment of the selected connection, wherein the spoofing apparatus maintains a profile that contains the spoofing selection parameter and the spoofing parameters; and to route the information in accordance with the profile, the profile including a maximum segment size; and

compensate for maximum segment size mismatch between the selected connection and a connection to an end host by dynamically resizing, based on the profile, data segments which comprise the information before forwarding the data segments to the end host.

Claim 45. (Currently amended). The computer-readable storage medium of claim 44, further comprising: determining a path that the information takes to reach its destination based on the profile.



Claim 46. (Currently amended). The computer-readable storage medium of claim 45, further comprising: determining the path by applying spoofing rules.

Claim 47. (Currently amended). The computer-readable storage medium of claim 45, wherein the path is determined based on connection control blocks.

Claim 48. (Currently amended). The computer-readable storage medium of claim 47, wherein connection control blocks are allocated using a hash function.

Claim 49. (Currently amended). The computer-readable storage medium of claim 47, wherein connection control blocks are allocated using a mapping table.

Claim 50. (Currently amended). The computer-readable storage medium of claim 46, wherein the spoofing rules are mapped to the profile.

Claim 51. (Currently amended). The computer-readable storage medium of claim 44, further comprising: receiving the at least one of spoofing selection parameters and spoofing parameters as a data structure from the platform.

Claim 52. (Currently amended). The computer-readable storage medium of claim 44, further comprising: receiving at least one of spoofing selection parameters and spoofing

parameters from the platform at start-up or when the platform receives updated spoofing selection or spoofing parameters.

Claim 53. (Currently amended). The computer-readable storage medium of claim 44, further comprising: applying multiple spoofing rules using boolean operators.

Claim 57. (Currently amended). The computer-readable storage medium of claim 44, wherein the profile further includes a parameter for disabling three-way handshake spoofing.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brandon S. Hoffman whose telephone number is 571-272-3863. The examiner can normally be reached on M-F 8:30 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nasser G. Moazzami can be reached on 571-272-4195. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

*Brat RF*  
BH

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SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

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